EP0760660

FIG. 1

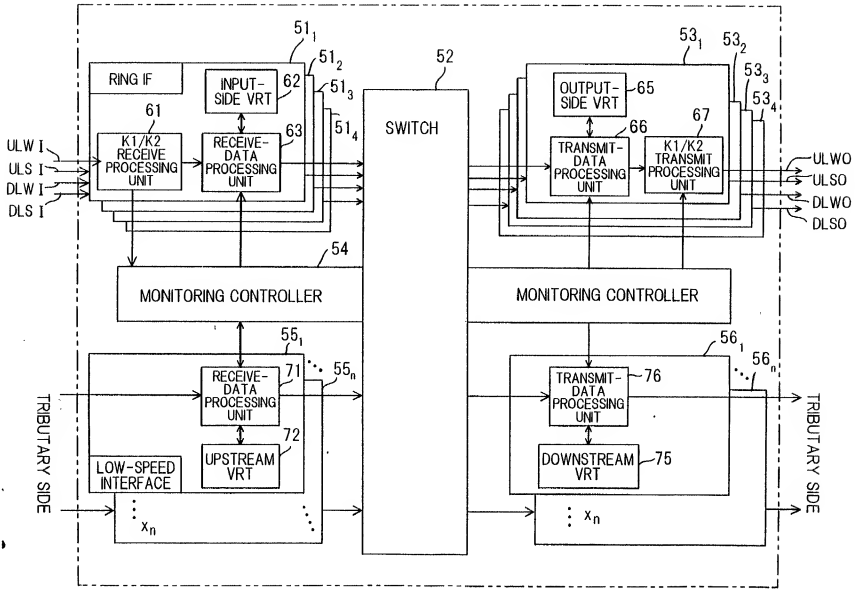

FIG. 2A

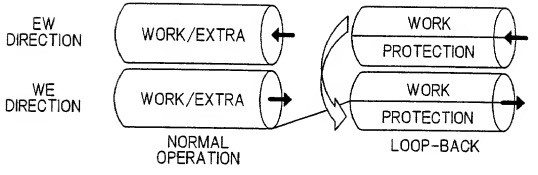


FIG. 2B

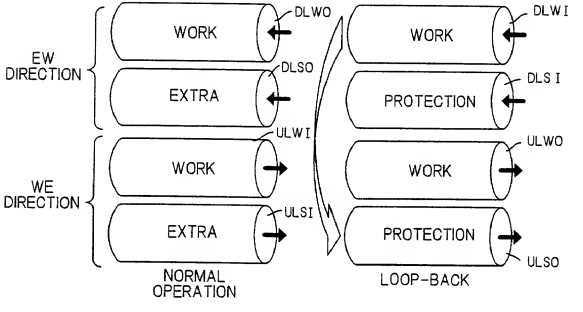


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FIG. 3

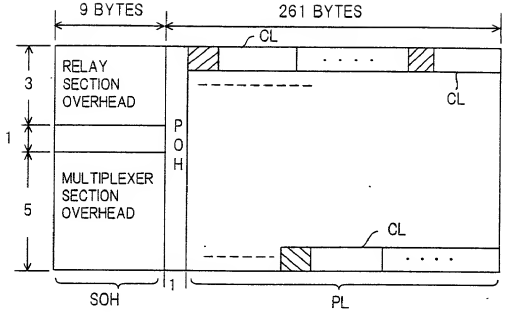


FIG. 4A

| VPI/VCI | APPARATUS CID | ENABLE | ROUTING TAG ( OUTPUT PORT ) | ----- |
|---|---|---|---|---|
| : | 0 | 0 | | |
| : | 1 | 1 | | |
| : | 3 | 1 | | |
| : | 4 | 1 | | ----- |
| : | : | : | | |
| : | : | : | | |
| : | : | : | | |
| : | 65534 | 0 | | |

FIG. 4B

| APPARATUS CID | VRT |
|---|---|
| 0 | |
| 1 | |
| 3 | ----- |
| 4 | VPI, VCI |
| : | (IP, Adr) |
| : | ⋮ |
| : | |
| 65534 | |

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FIG. 5

| VPI/VCI | APPARATUS CID | ENABLE | ROUTING TAG (OUTPUT PORT) | ----- | SQUELCH TABLE |
|---|---|---|---|---|---|
| : | 0 | 0 | | | |
| : | 1 | 1 | | | |
| : | 3 | 1 | | ----- | DEST NODE ID |
| : | 4 | 1 | | | |
| : | : | : | | | |
| : | : | : | | | |
| : | : | : | | | |
| : | 65534 | 0 | | | |

FIG. 6

| APPARATUS CID | VRT |
|---|---|
| 0 | |
| 1 | |
| 3 | ----- |
| 4 | VPI, VCI |
| : | (IP Adr) |
| : | ⋮ |
| : | ⋮ |
| 65534 | |

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FIG. 7

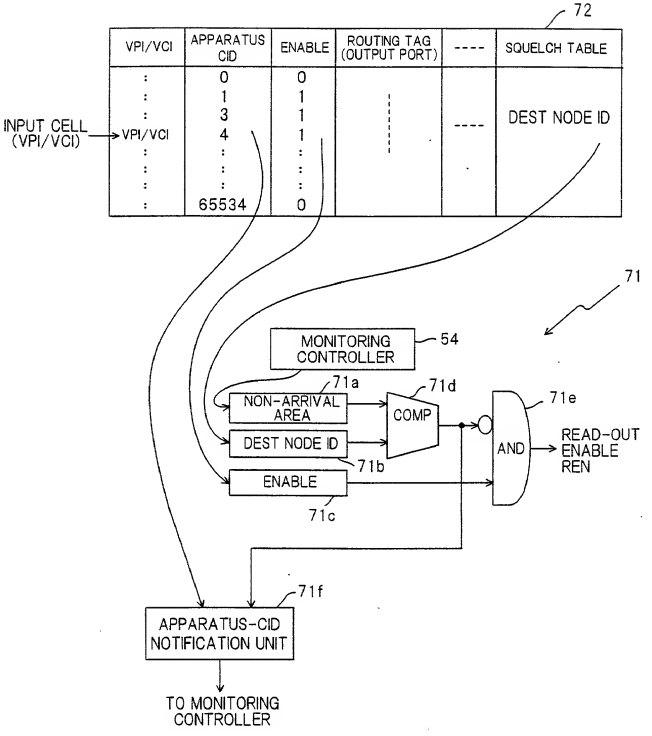


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FIG. 8

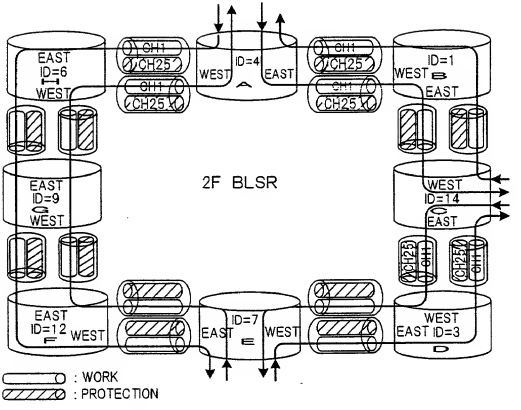


FIG. 9

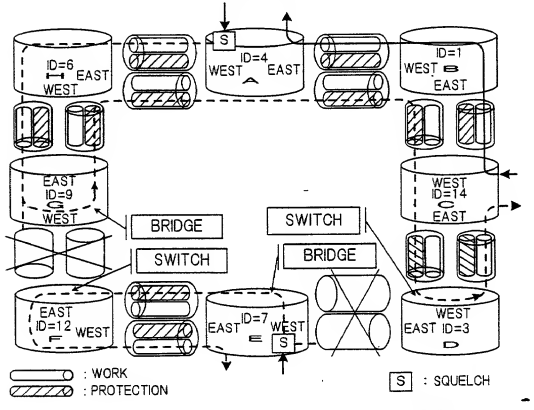


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FIG. 10

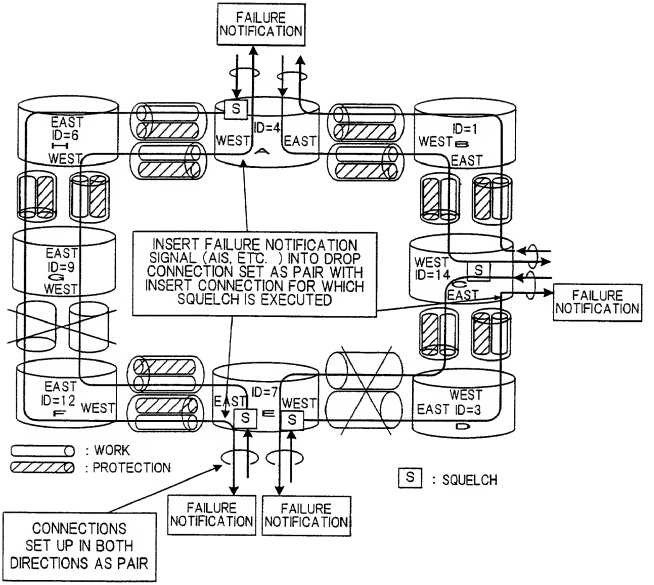


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FIG. 11

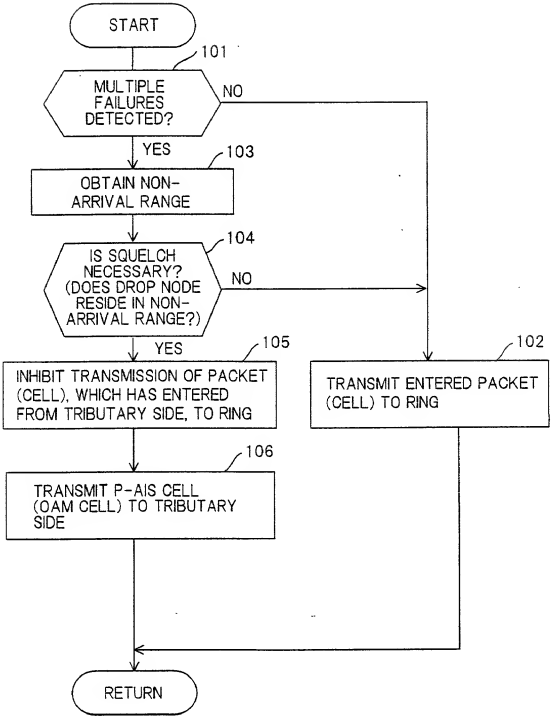


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FIG. 12A

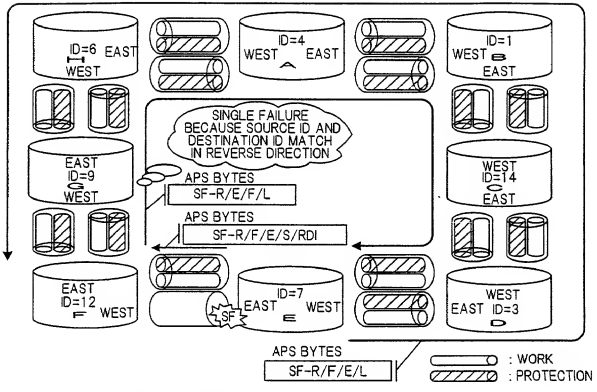


FIG. 12B

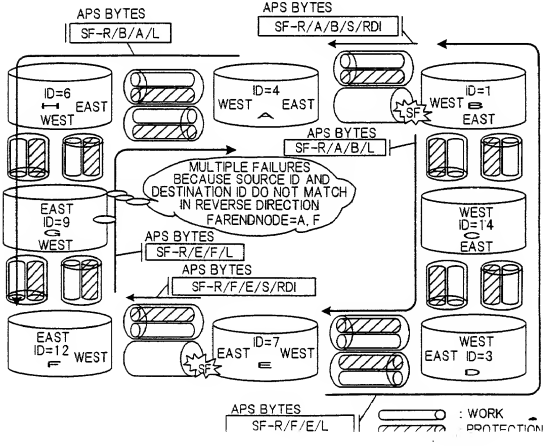


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FIG. 13

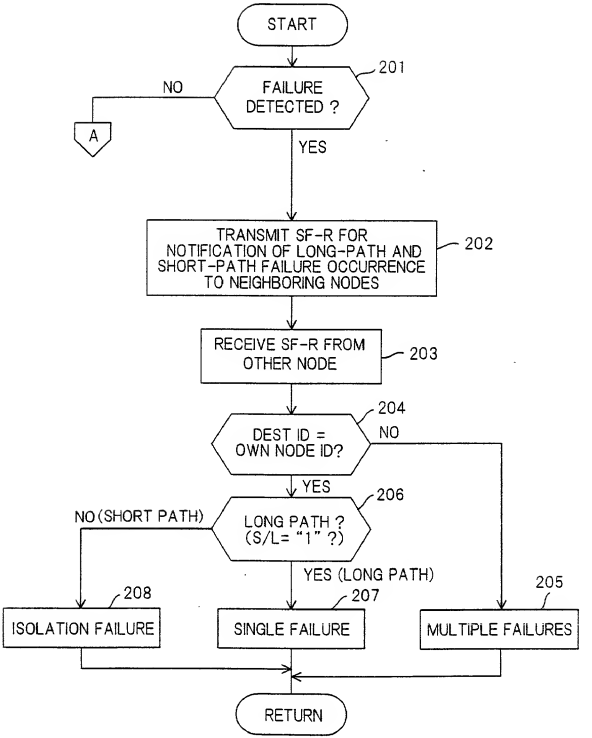


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FIG. 14

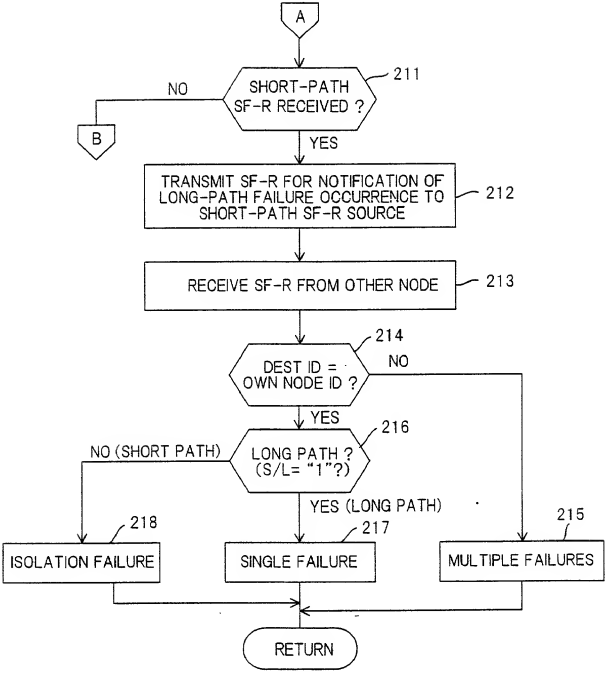


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FIG. 15

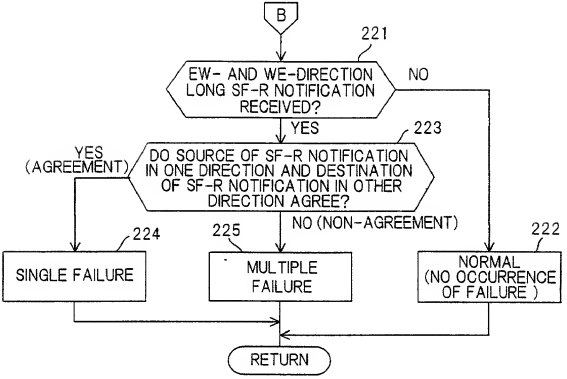
B
221
EW- AND WE-DIRECTION LONG SF-R NOTIFICATION RECEIVED?
NO
YES
223
YES (AGREEMENT)
DO SOURCE OF SF-R NOTIFICATION IN ONE DIRECTION AND DESTINATION OF SF-R NOTIFICATION IN OTHER DIRECTION AGREE?
NO (NON-AGREEMENT)
224
225
222
SINGLE FAILURE
MULTIPLE FAILURE
NORMAL (NO OCCURRENCE OF FAILURE)
RETURN

FIG. 16

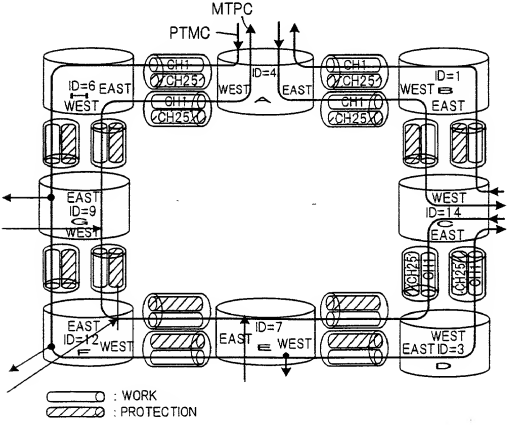
MTPC
PTMC
CH1
CH250
ID=6
EAST
WEST
ID=4
ID=1
ID=9
ID=14
ID=12
ID=7
ID=3
: WORK
: PROTECTION

FIG. 17

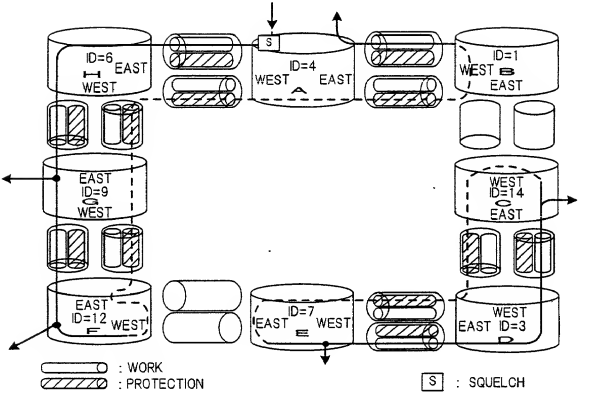


FIG. 18

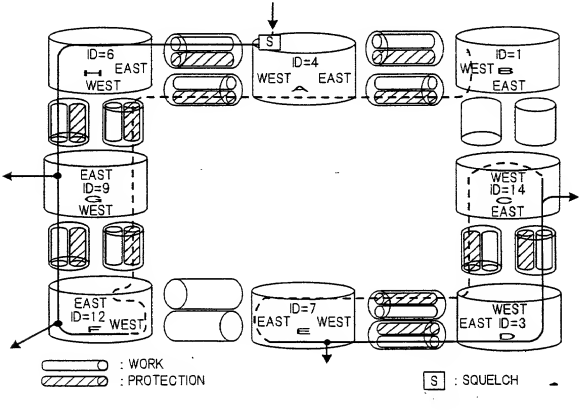


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FIG. 19

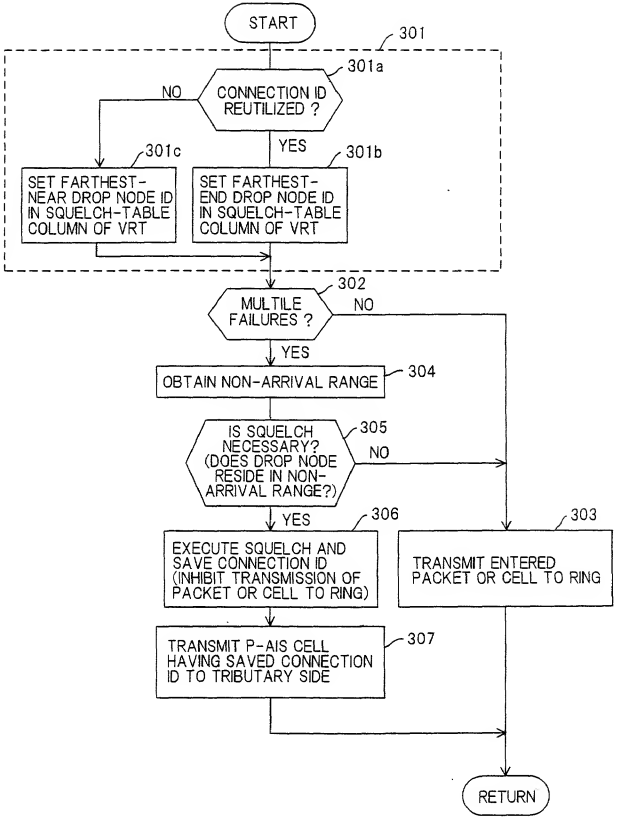


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FIG. 20

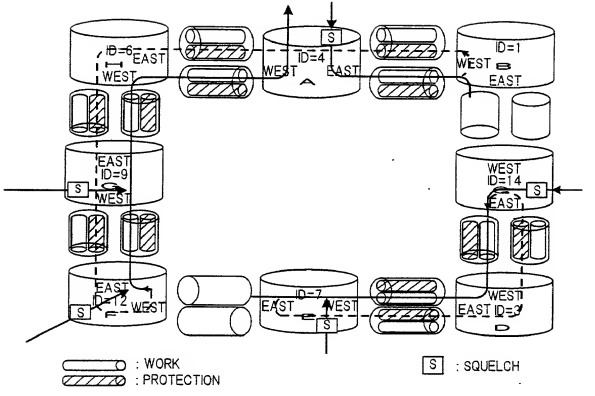


FIG. 21

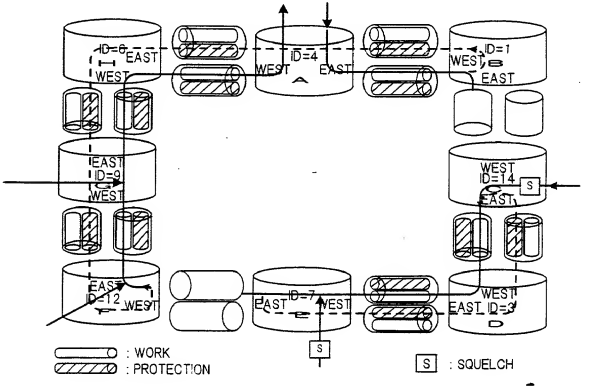


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FIG. 22

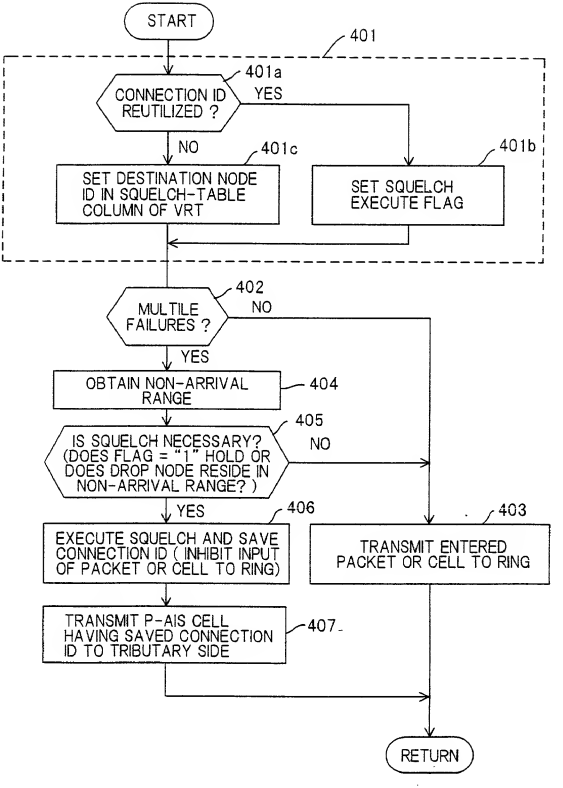


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FIG. 23A PRIOR ART

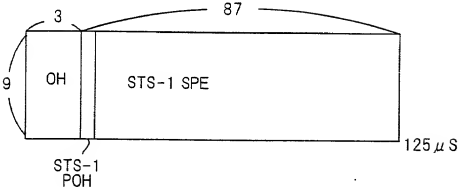


FIG. 23B PRIOR ART

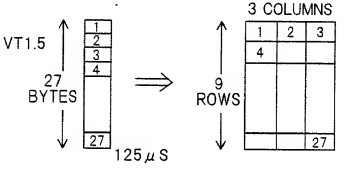


FIG. 23C PRIOR ART

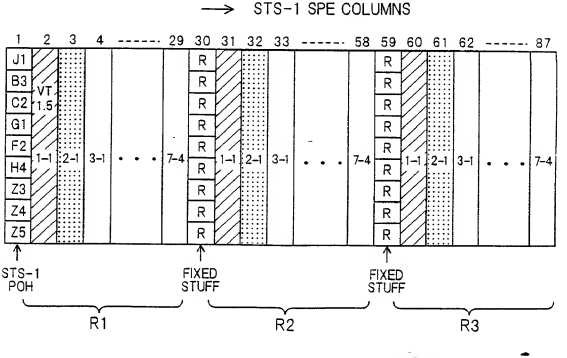


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FIG. 24

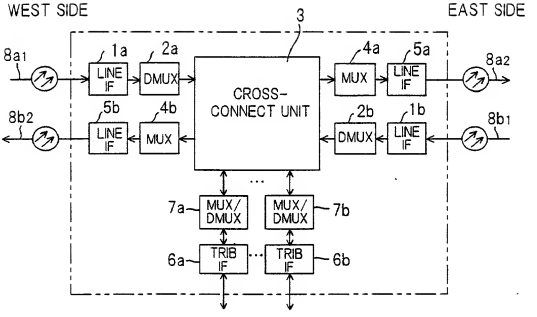

WEST SIDE
EAST SIDE
3
8a1
1a
2a
LINE IF
DMUX
CROSS-CONNECT UNIT
MUX
4a
5a
LINE IF
8a2
8b2
5b
4b
LINE IF
MUX
2b
DMUX
1b
LINE IF
8b1
7a
MUX/DMUX
MUX/DMUX
7b
6a
TRIB IF
TRIB IF
6b

FIG. 25

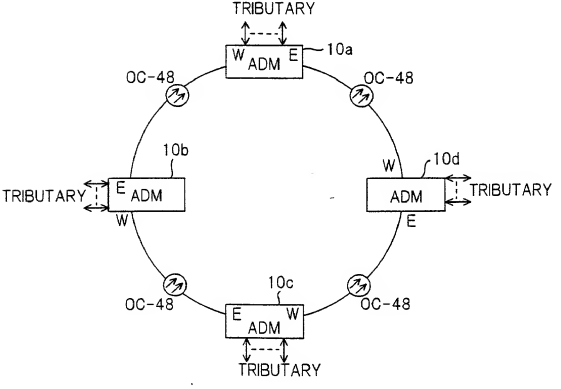

TRIBUTARY
W
ADM
E
10a
OC-48
OC-48
10b
W
10d
TRIBUTARY
E
ADM
ADM
TRIBUTARY
W
E
OC-48
10c
OC-48
E
W
ADM
TRIBUTARY

FIG. 26A PRIOR ART

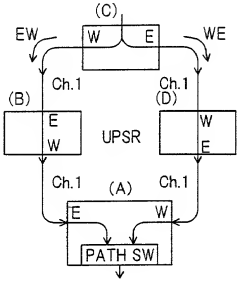



FIG. 26C PRIOR ART

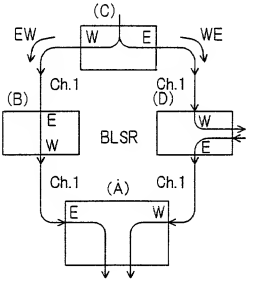



FIG. 26B PRIOR ART

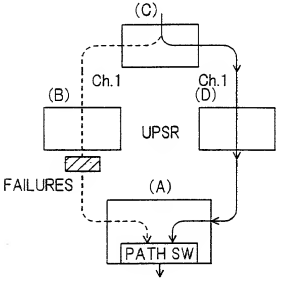
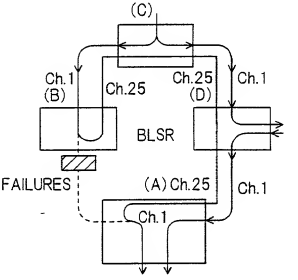


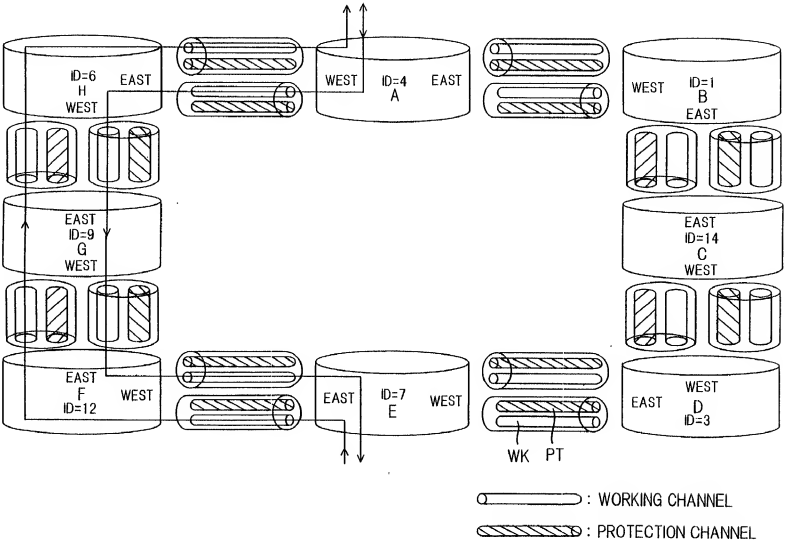

FIG. 26D PRIOR ART




T0hT60"Z6TT0660

T0hT60"Z6TT0660

# FIG. 27 PRIOR ART



T0hT60" Z6TT0660

# FIG. 28 PRIOR ART

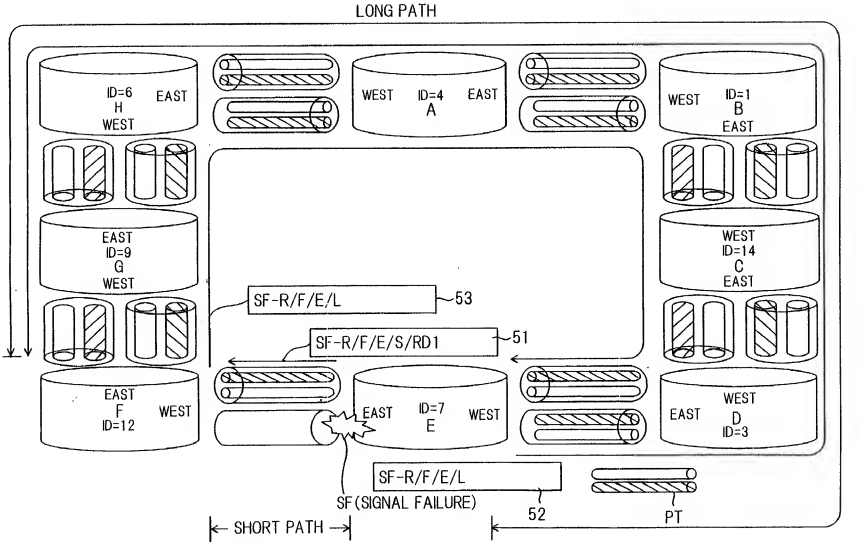


FIG. 29 PRIOR ART

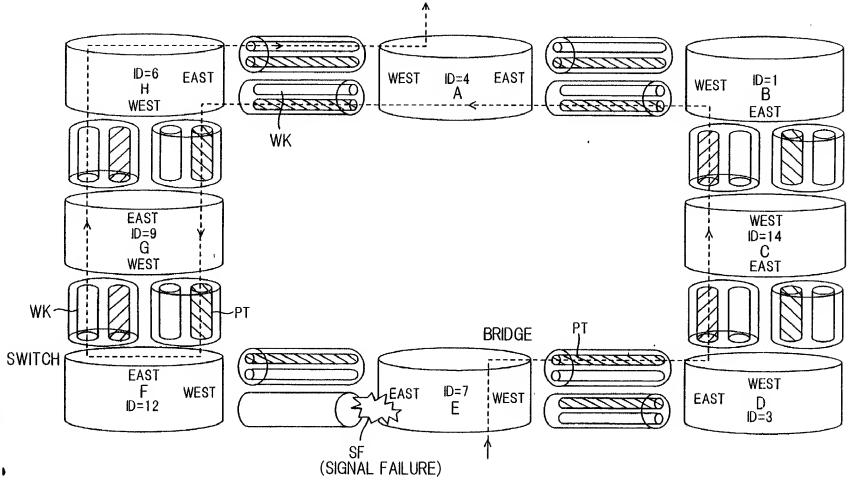
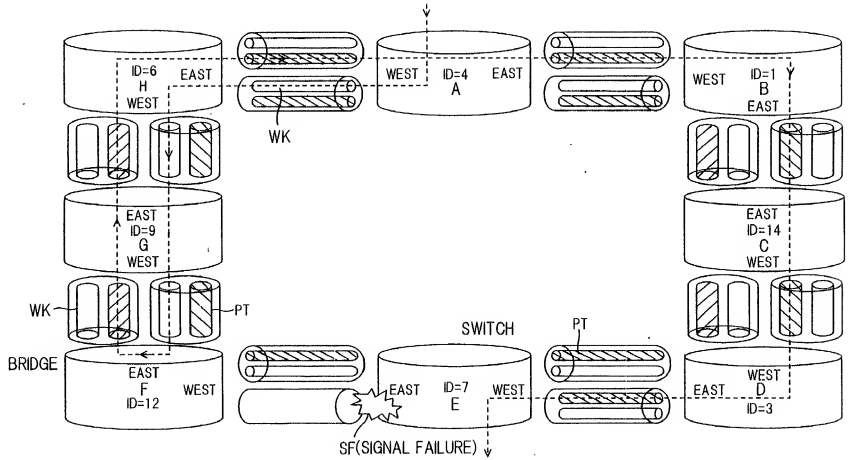
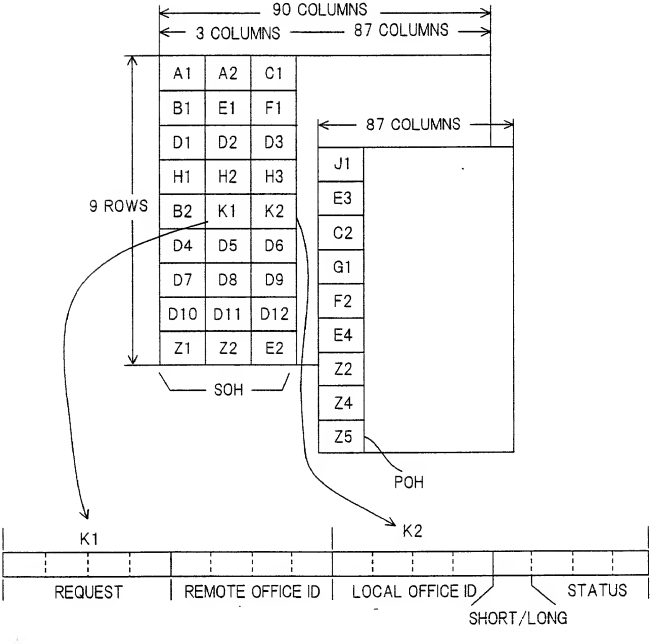


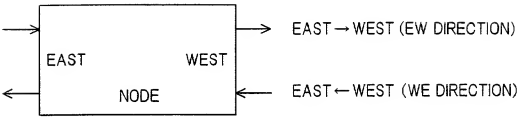
FIG. 30 PRIOR ART



# FIG. 31 PRIOR ART



# FIG. 32A PRIOR ART

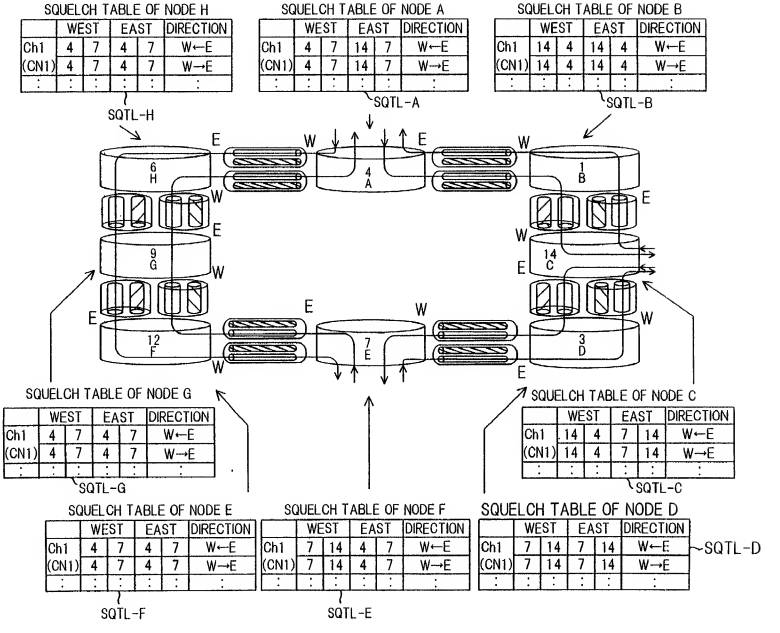



# FIG. 32B PRIOR ART

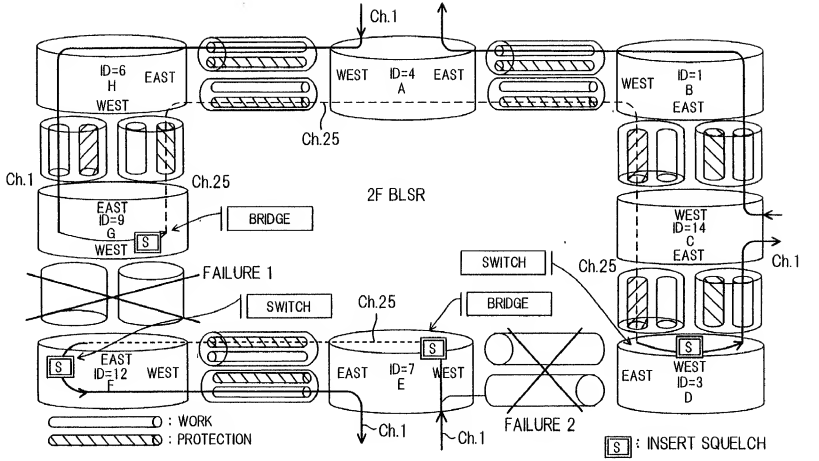
SQUELCH TABLE

| | WEST SIDE | | EAT SIDE | | DIRECTION |
|---|---|---|---|---|---|
| Ch1 (CN1) | SOURCE | DESTINATION | SOURCE | DESTINATION | W ← E |
| | DESTINATION | SOURCE | DESTINATION | SOURCE | W → E |
| ≀ | ≀ | ≀ | ≀ | ≀ | ≀ |
| Ch. n | ··· | ··· | ··· | ··· | ··· |

# FIG. 33 PRIOR ART



# FIG. 34 PRIOR ART



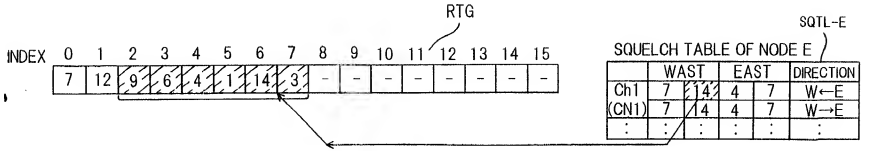



FIG. 35A PRIOR ART

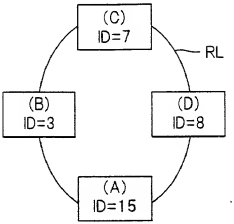



FIG. 35B PRIOR ART

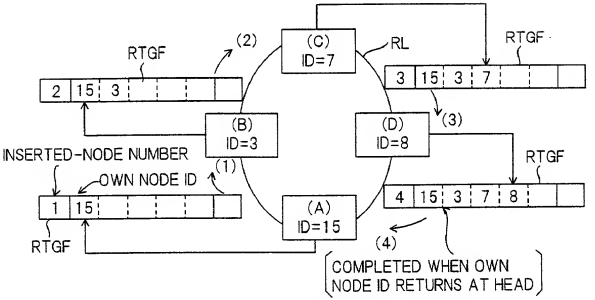



FIG. 35C PRIOR ART

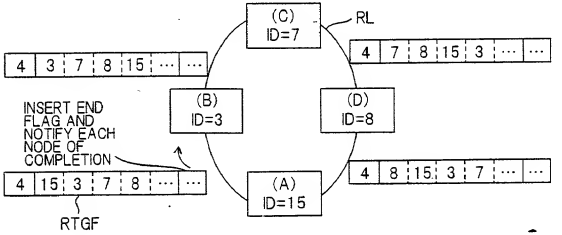



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FIG. 36A PRIOR ART

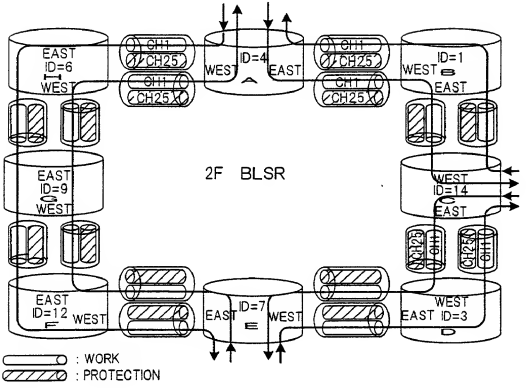
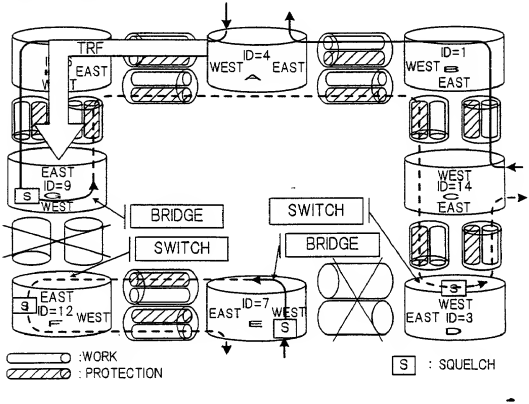



FIG. 36B PRIOR ART

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